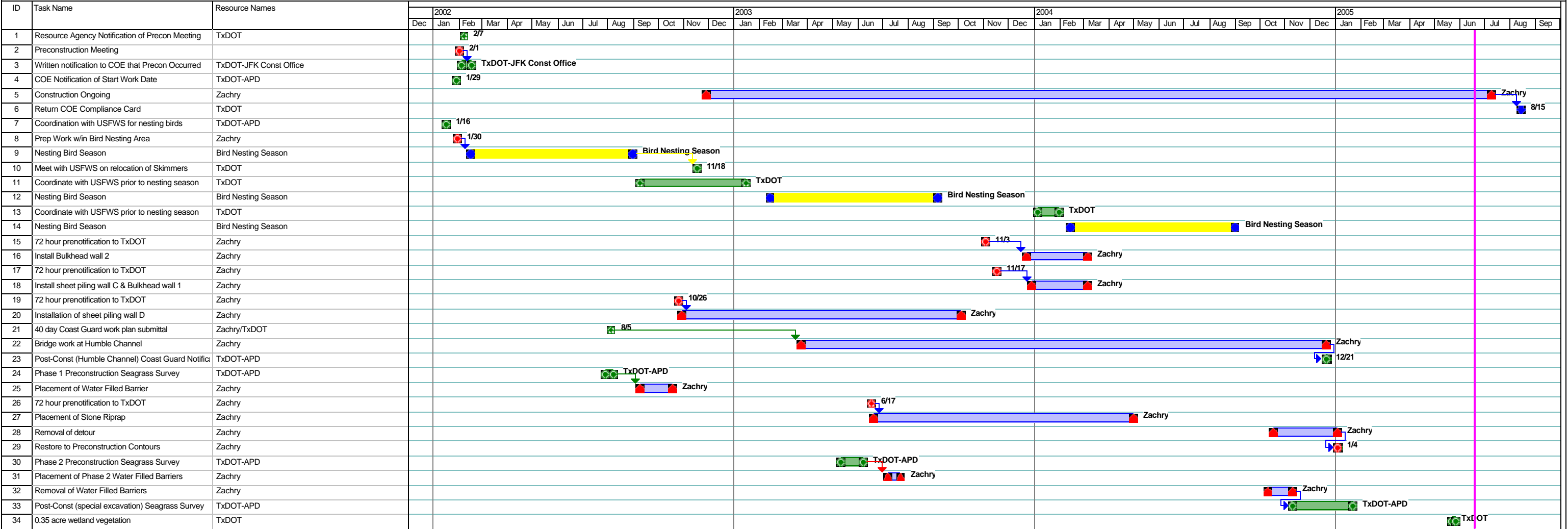


Tracking Schedule for Environmental Commitments during Construction of the JFK Causeway Project



Project: duringconstr tracking
Date: Tue 6/21/05

- Construction Task
- Completed Construction Task
- Completed Construction Milestone



- Environmental Commitment Task
- Completed Environmental Commitment Task
- Completed Environmental Commitment Milestone



- Environmental Commitment Milestone
- Bird Nesting Season
- External Milestone



- Deadline



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1	Resource Agency Notification of Precon Meeting U.S. Army Corps of Engineers Permit No. 22304 Special Conditions requires that TxDOT conduct a pre-construction meeting with the contractor detailing the terms and conditions of this permit prior to commencing construction activities of the project. TxDOT shall notify the Corps Galveston District of the pre-construction meeting at least two weeks in advance of the scheduled meeting.
3	Written notification to COE that Precon Occurred U.S. Army Corps of Engineers (Corps) Permit No. 22304 Special Conditions requires that written verification that the preconstruction meeting was held, must be provided to the Corps within two weeks following the meeting. In addition, TxDOT will develop a contact list/call list of personnel involved with the project. This list will be made available to the Corps and the resource agencies to assist in directing calls and questions from the public to the appropriate person.
4	COE Notification of Start Work Date U.S. Army Corps of Engineers (Corps) Permit No. 22304 Notice to Permittees requires that the Corps Area Engineer be notified as soon as possible of the time for commencement of contruction or work.
6	Return COE Compliance Card U.S. Army Corps of Engineers (Corps) Permit No. 22304 requires the Corps District Engineer be notified in writing upon completion of the authorized work. A pre-addressed postcard has been provided for this purpose.
7	Coordination with USFWS for nesting birds A bird nesting area exists within the project limits and will remain undisturbed during the entire duration of the contract. TxDOT will coordinate with U.S. Fish and Wildlife Service (USFWS) at least 30 days prior to the beginning of nesting season. In conjunction with USFWS, protocol will be developed to either avoid nesting birds or to discourage the initiation of nesting within the project area. If a nest is discovered within the construction work zone the contractor shall make every effort to work in another location until the fledglings have left the nesting area.
9	Nesting Bird Season Nesting bird season runs from February 15 thru September 1 of each year.
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15	72 hour prenotification to TxDOT U.S. Army Corps of Engineers (Corps) Permit No. 22304 under Sedimentation Control requires that the Contractor provide 72 hours advance notice prior to beginning installation of Bulkhead walls No. 2.
16	Install Bulkhead wall 2 The Contractor shall use methods that avoid turbidity in the adjacent waters which contain seagrass beds.
17	72 hour prenotification to TxDOT U.S. Army Corps of Engineers (Corps) Permit No. 22304 under Sedimentation Control requires that the Contractor provide 72 hours advance notice prior to beginning installation of concrete sheet piling walls "C" and Bulkhead wall No. 1
19	72 hour prenotification to TxDOT U.S. Army Corps of Engineers (Corps) Permit No. 22304 under Sedimentation Control requires that the Contractor provide 72 hours advance notice prior to beginning installation of concrete sheet piling wall "D"
20	Installation of sheet piling wall D The Contractor shall use methods that avoid turbidity in the adjacent waters which contain seagrass beds.
21	40 day Coast Guard work plan submittal U.S. Coast Guard Permit Amendment (71a-70-8) at Humble Channel requires that a construction plan must be approved by the Coast Guard prior to work beginning in Humble Channel. A minimum of six weeks is required by the Coast Guard so that notices to mariners can be issued in a timely manner.
22	Bridge work at Humble Channel No deviation from the approved plans is allowed unless submitted to and approved by the Coast Guard. Timely notice of any event that may affect navigation shall be given to the Coast Guard. All parts of the existing bridge no longer used shall be removed to an elevation approved by the Coast Guard. Must comply with the conditions of the water quality certification.
23	Post-Const (Humble Channel) Coast Guard Notification Coast Guard Permit expires 10/10/04. All work at Humble Channel must be completed. Submit letter with photos.
24	Phase 1 Preconstruction Seagrass Survey U.S. Army Corps of Engineers Permit No. 22304 requires a pre-construction seagrass survey be conducted. This survey will provide information regarding X, Y & Z coordinates, absence or presence, and species of seagrass at 10 foot intervals along 25 transects. This must be completed for both Phase I and Phase II within 30 days prior to placement of the water filled barriers.
25	Placement of Water Filled Barrier TxDOT or its designated representative will verify the location of the water filled barriers. Installation shall be accomplished using non-mechanical methods so as to avoid damage to adjacent seagrass beds. Methods shall be used to minimize turbidity in adjacent waters during installation of the water filled barriers.
26	72 hour prenotification to TxDOT U.S. Army Corps of Engineers (Corps) Permit No. 22304 under Construction Methodology requires that the Contractor provide 72 hours advance notice prior to installing rock riprap along retaining walls "C" and "D" and a portion of Bulkhead Wall No. 2.
27	Placement of Stone Riprap The Contractor shall use installation methods that avoid the creation of turbidity in the adjacent waters. The drop height of the riprap shall be limited to 1 foot above the water surface or ground, as applicable. Foot traffic in and around the base of the sheet pile walls to spread the rock riprap shall be limited so as to avoid damage to adjacent seagrass beds.
28	Removal of detour The Contractor shall restore the area under the detour to preconstruction contours.
30	Phase 2 Preconstruction Seagrass Survey U.S. Army Corps of Engineers Permit No. 22304 requires a pre-construction seagrass survey be conducted. This survey will provide information regarding X, Y & Z coordinates, absence or presence, and species of seagrass at 10 foot intervals along 25 transects. This must be completed for both Phase I and Phase II within 30 days prior to placement of the water filled barriers.
31	Placement of Phase 2 Water Filled Barriers TxDOT or its designated representative will verify the location of the water filled barriers. Installation shall be accomplished using non-mechanical methods so as to avoid damage to adjacent seagrass beds. Methods shall be used to minimize turbidity in adjacent waters during installation of the water filled barriers.
32	Removal of Water Filled Barriers The water filled barriers shall be carefully removed so as to avoid damage to adjacent seagrass beds as well as to minimize turbidity in the water.
33	Post-Const (special excavation) Seagrass Survey U.S. Army Corps of Engineers Permit No. 22304 requires a post-construction seagrass survey be conducted within two weeks after the final (Phase II) excavation is complete. This survey will provide information regarding X, Y & Z coordinates, absence or presence, and species of seagrass at 10 foot intervals along 25 transects. Information regarding the grain size will be collected along every other transect, or 12 transects. Grain size analysis will be used to determine the percent content of clay, silt, sand, and shell hash (rubble) content.
34	0.35 acre wetland vegetation TxDOT will provide USACE a location map and plan view of the proposed 0.35 acre of wetland vegetation within 40 months of project initiation.